

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method, comprising:
in a first cell, receiving from a base station corresponding to the first cell, a broadcast message communicating multicast session information for a plurality of cells comprising the first cell and a second cell, said information usable to connect to a multicast session;
tuning to ~~a~~the multicast session in the first cell using the received multicast session information;
when a predetermined condition occurs, tuning to the multicast session in the second cell using the received multicast session information.
2. (Previously Presented) The method of claim 1, wherein the multicast session information comprises a session identifier and a list of cells in which the multicast session is available.
3. (Previously Presented) The method of claim 1, wherein the multicast session information comprises a frequency.
4. (Previously Presented) The method of claim 1, wherein the multicast session information comprises a session title.
5. (Original) The method of claim 1, wherein the predetermined condition comprises a signal strength fading.
6. (Original) The method of claim 1, wherein the predetermined condition comprises receiving predetermined user input.

7. (Previously Presented) The method of claim 1, wherein tuning comprises receiving a digital video broadcast terrestrial (DVB-T) multicast session.

8. (Previously Presented) The method of claim 1, wherein tuning comprises receiving a UMTS multicast session.

9. (Currently Amended) A method, comprising:

in a first cell, receiving from a base station corresponding to the first cell, multicast session information for a plurality of cells comprising the first cell and a second cell, said information usable to connect to a multicast session;

tuning to the a-multicast session in the first cell using the received multicast session information;

when a predetermined condition occurs, tuning to the multicast session in the second cell using the received multicast session information,

wherein the multicast session information comprises link-level access parameters corresponding to the first and second cells,

wherein tuning comprises using the link-level access parameters to tune to the multicast session in each cell.

10. (Original) The method of claim 1, further comprising the step of joining an IP multicast group in the first cell.

11. (Original) The method of claim 1, further comprising the step of periodically receiving multicast session announcements while tuned to the multicast session in the first cell.

12. (Currently Amended) An apparatus, comprising:

a processor; and

memory for storing computer readable instructions that, when executed by the processor, cause the apparatus to perform:

in a first cell, receiving from a base station corresponding to the first cell, a broadcast message communicating multicast session information for a plurality of cells comprising the first cell and a second cell, said information usable by the apparatus to connect to a multicast session;

tuning to ~~a~~the multicast session in the first cell using the received multicast session information;

when a predetermined condition occurs, tuning to the multicast session in the second cell using the received multicast session information.

13. (Previously Presented) The apparatus of claim 12, wherein the multicast session information comprises a session identifier and a list of channels in which the multicast session is available.

14. (Previously Presented) The apparatus of claim 12, wherein the multicast session information comprises a frequency.

15. (Previously Presented) The apparatus of claim 12, wherein the multicast session information comprises a session title.

16. (Previously Presented) The apparatus of claim 12, wherein tuning comprises receiving a digital video broadcast terrestrial (DVB-T) multicast session.

17. (Previously Presented) The apparatus of claim 12, wherein tuning comprises receiving a UMTS multicast session.

18. (Previously Presented) The apparatus of claim 12, wherein the multicast session information comprises link-level access parameters corresponding to the first and second cells, and

wherein tuning comprises using the link-level access parameters to tune to the multicast session in each cell.

19. (Previously Presented) The apparatus of claim 12, wherein the computer readable instructions further comprise the step of joining an IP multicast group in the first cell.

20. (Previously Presented) The apparatus of claim 12, wherein the computer readable instructions further comprise the step of periodically receiving multicast session announcements while tuned to the multicast session in the first cell.

21. (Previously Presented) The apparatus of claim 12, wherein the predetermined condition comprises a signal strength fading.

22. (Previously Presented) The apparatus of claim 12, wherein the predetermined condition comprises receiving predetermined user input.

23. (Currently Amended) A computer readable medium storing computer readable instructions that, when executed, cause a data processing device to perform:

in a first cell, receiving from a base station corresponding to the first cell, a broadcast message communicating multicast session information for a plurality of cells comprising the first cell and a second cell, said information usable by the data processing device to connect to a multicast session;

tuning to ~~a~~the multicast session in the first cell using the received multicast session information;

when a predetermined condition occurs, tuning to the multicast session in the second cell using the received multicast session information.

24. (Previously Presented) The computer readable medium of claim 23, wherein the multicast session information comprises a session identifier and a list of channels in which the multicast session is available.

25. (Previously Presented) The computer readable medium of claim 23, wherein the multicast session information comprises a frequency.

26. (Previously Presented) The computer readable medium of claim 23, wherein the multicast session information comprises a session title.

27. (Previously Presented) The computer readable medium of claim 23, wherein tuning comprises receiving a digital video broadcast terrestrial (DVB-T) multicast session.

28. (Previously Presented) The computer readable medium of claim 23, wherein tuning comprises receiving a UMTS multicast session.

29. (Previously Presented) The computer readable medium of claim 23, wherein the multicast session information comprises link-level access parameters corresponding to the first and second cells, and

wherein tuning comprises using the link-level access parameters to tune to the multicast session in each cell.

30. (Original) The computer readable medium of claim 23, wherein the computer readable instructions further comprise the step of joining an IP multicast group in the first cell.

31. (Original) The computer readable medium of claim 23, wherein the computer readable instructions further comprise the step of periodically receiving multicast session announcements while tuned to the multicast session in the first cell.

32. (Previously Presented) The computer readable medium of claim 23, wherein the predetermined condition comprises a signal strength fading.

33. (Previously Presented) The computer readable medium of claim 23, wherein the predetermined condition comprises receiving predetermined user input.

34. (Previously Presented) A method, comprising:
tuning to a logical announcement channel;
receiving a session announcement corresponding to a multicast session, the session announcement comprising information that maps link-level access parameters in each of a plurality of cells to the multicast session;
receiving the multicast session in a first cell using the first cell's received link-level access parameters; and
when reception of the multicast session in the first cell changes from a first signal strength, receiving the multicast session in a second cell using link-level access parameters contained in the session announcement.

35. (Previously Presented) The method of claim 34, wherein receiving the multicast session in the first cell and receiving the multicast session in the second cell each comprise tuning to a digital video broadcast terrestrial (DVB-T) multicast session.

36. (Previously Presented) The method of claim 34, wherein receiving the multicast session in the first cell and receiving the multicast session in the second cell each comprise tuning to a UMTS multicast session.

37. (Currently Amended) An apparatus, comprising:
a processor; and
memory for storing computer readable instructions that, when executed, cause the apparatus to perform:

wirelessly receiving from a base station corresponding to a first cell, a broadcast message communicating multicast session information for the first cell and multicast session information for a second cell, said information usable by the apparatus to connect to a multicast session;

wirelessly tuning to the a-multicast session broadcast by the base station corresponding to the first cell using the received multicast session information for the first cell;

when a predetermined condition occurs, wirelessly tuning to a corresponding multicast session broadcast by a base station corresponding to the second cell using the received multicast session information for the second cell.

38. (Previously Presented) The apparatus of claim 37, wherein each multicast session information comprises a session identifier and a list of channels in which the multicast session is available.

39. (Previously Presented) The apparatus of claim 37, wherein each multicast session information comprises a frequency.

40. (Previously Presented) The apparatus of claim 37, wherein each multicast session information comprises a session title.

41. (Previously Presented) The apparatus of claim 37, wherein tuning comprises wirelessly receiving a digital video broadcast terrestrial (DVB-T) multicast session.

42. (Previously Presented) The apparatus of claim 37, wherein tuning comprises wirelessly receiving a UMTS multicast session.

43. (Previously Presented) The apparatus of claim 37, wherein each multicast session information comprises link-level access parameters corresponding to its respective cell, and

wherein tuning comprises using the link-level access parameters to tune to the multicast session in each respective cell.

44. (Previously Presented) The apparatus of claim 37, wherein the computer readable instructions further comprise the step of periodically receiving multicast session announcements while tuned to the multicast session in the first cell.

45. (Previously Presented) The apparatus of claim 37, wherein the predetermined condition comprises a fading of the signal strength of the first cell.

46. (Previously Presented) The apparatus of claim 37, wherein the predetermined condition comprises receiving predetermined user input.

47. (Currently Amended) A method, comprising, prior to determining that a handoff from a first cell to a second cell should be made for a mobile terminal located in the first cell, transmitting from a base station corresponding to the first cell, a broadcast message communicating multicast session information for a plurality of cells comprising the first cell and the second cell, said information usable by the mobile terminal to connect to a multicast session.

48. (Previously Presented) An apparatus, comprising:
a processor; and
memory for storing computer readable instructions that, when executed, cause the apparatus to:

tune to a logical announcement channel;

receive a session announcement corresponding to a multicast session, the session announcement comprising information that maps link-level access parameters in each of a plurality of cells to the multicast session;

receive the multicast session in a first cell using the first cell's received link-level access parameters; and

when reception of the multicast session in the first cell changes from a first signal strength, receive the multicast session in a second cell using link-level access parameters contained in the session announcement.

49. (Previously Presented) The apparatus of claim 48, wherein receiving the multicast session in the first cell and receiving the multicast session in the second cell each comprise tuning to a digital video broadcast terrestrial (DVB-T) multicast session.

50. (Previously Presented) The apparatus of claim 48, wherein receiving the multicast session in the first cell and receiving the multicast session in the second cell each comprise tuning to a UMTS multicast session.